

FIG. 1

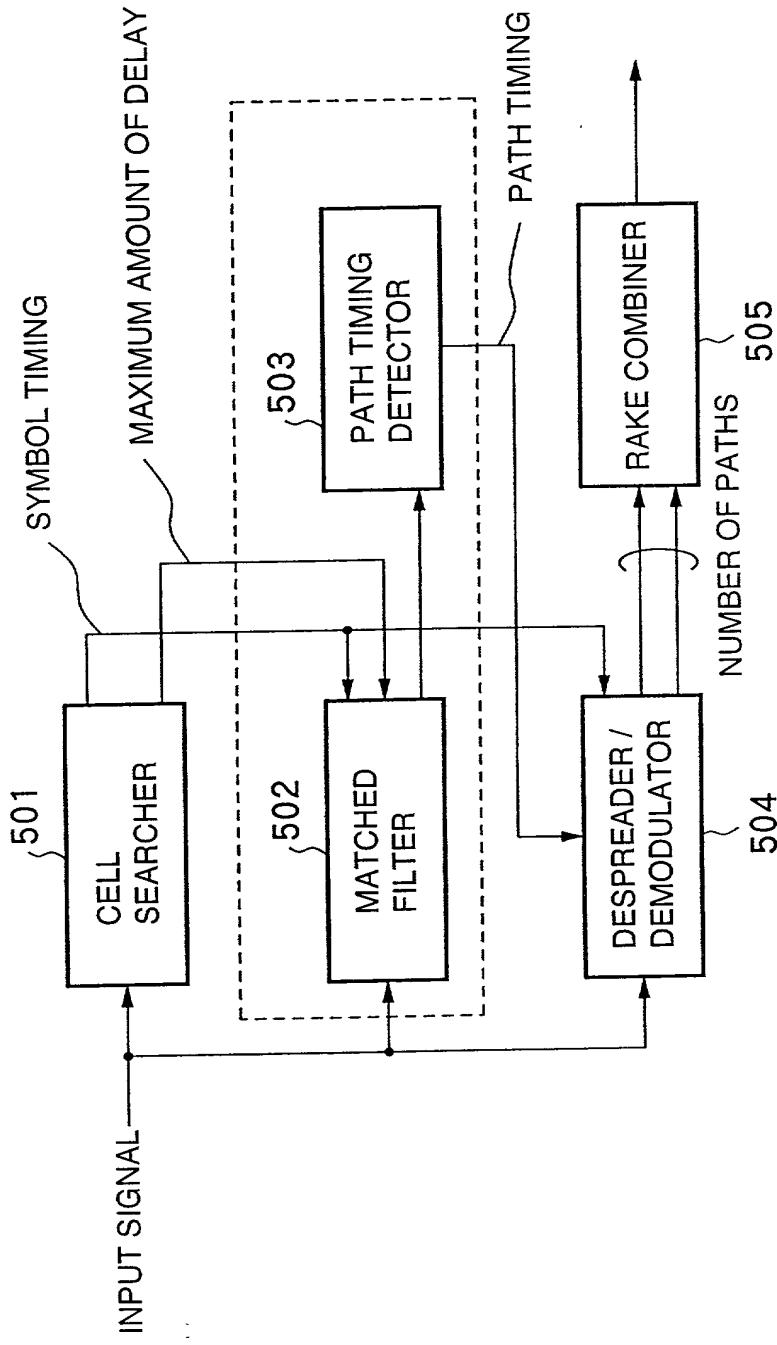


FIG. 2

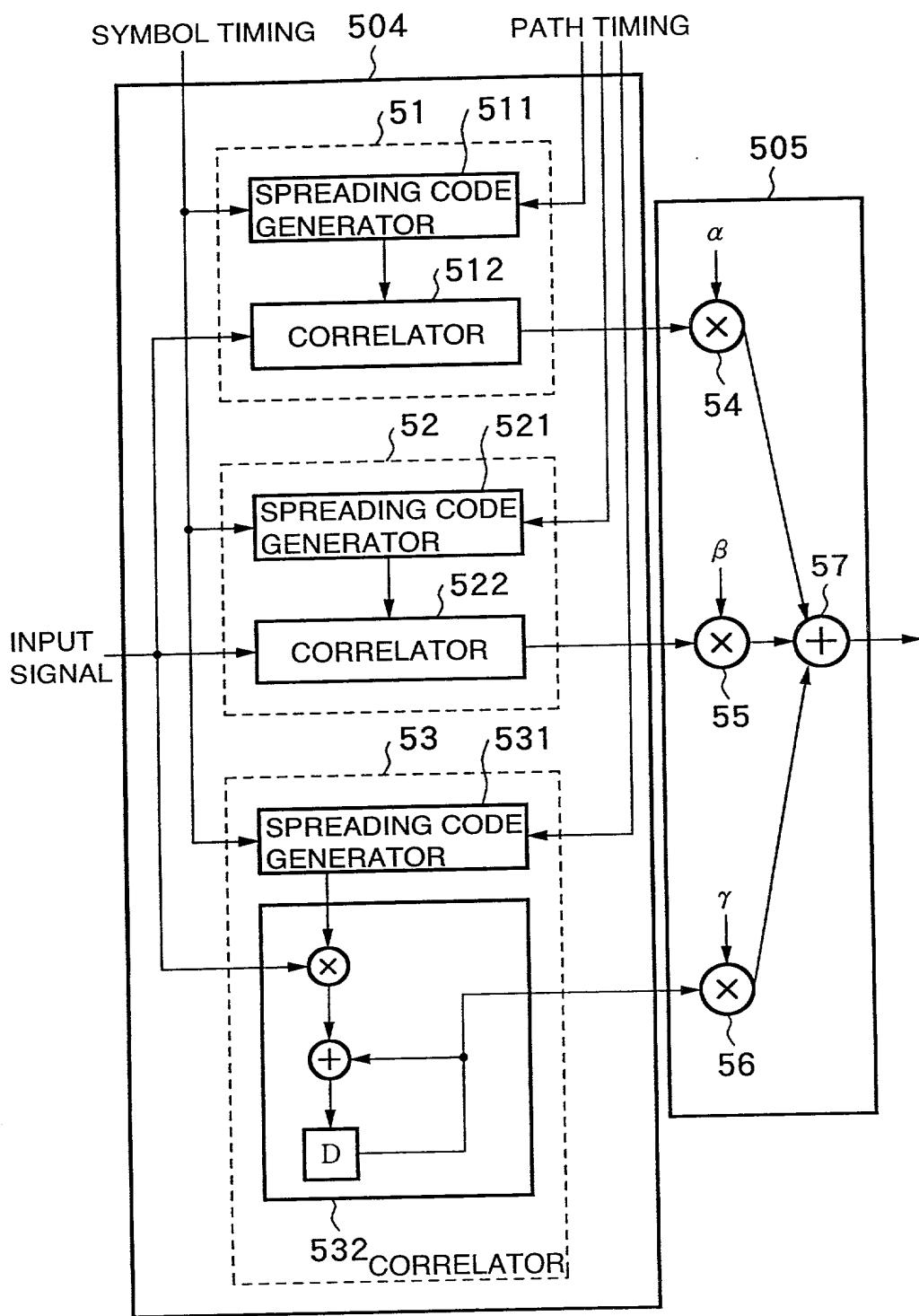


FIG. 3

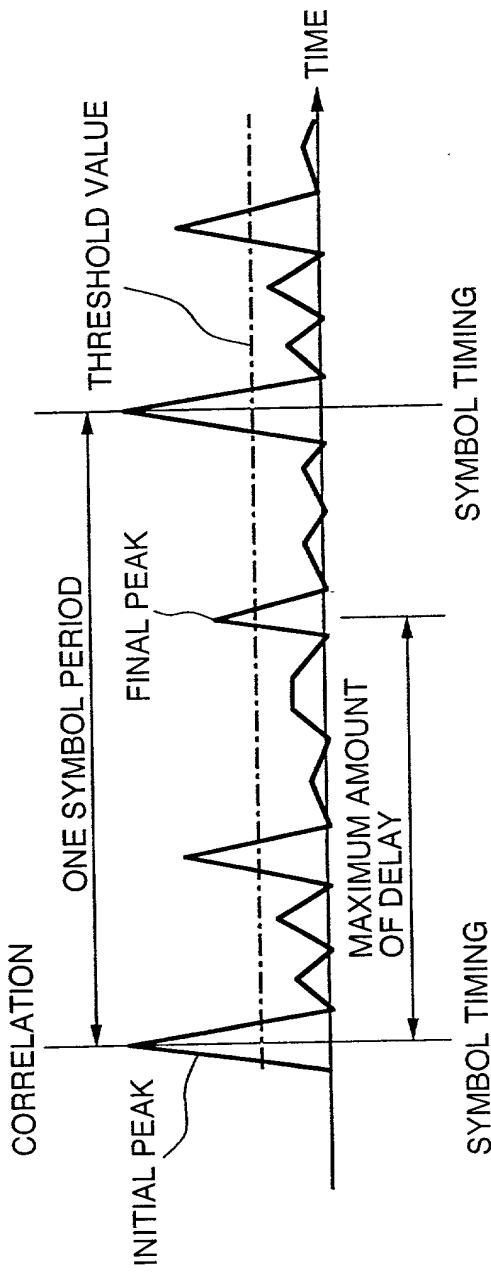


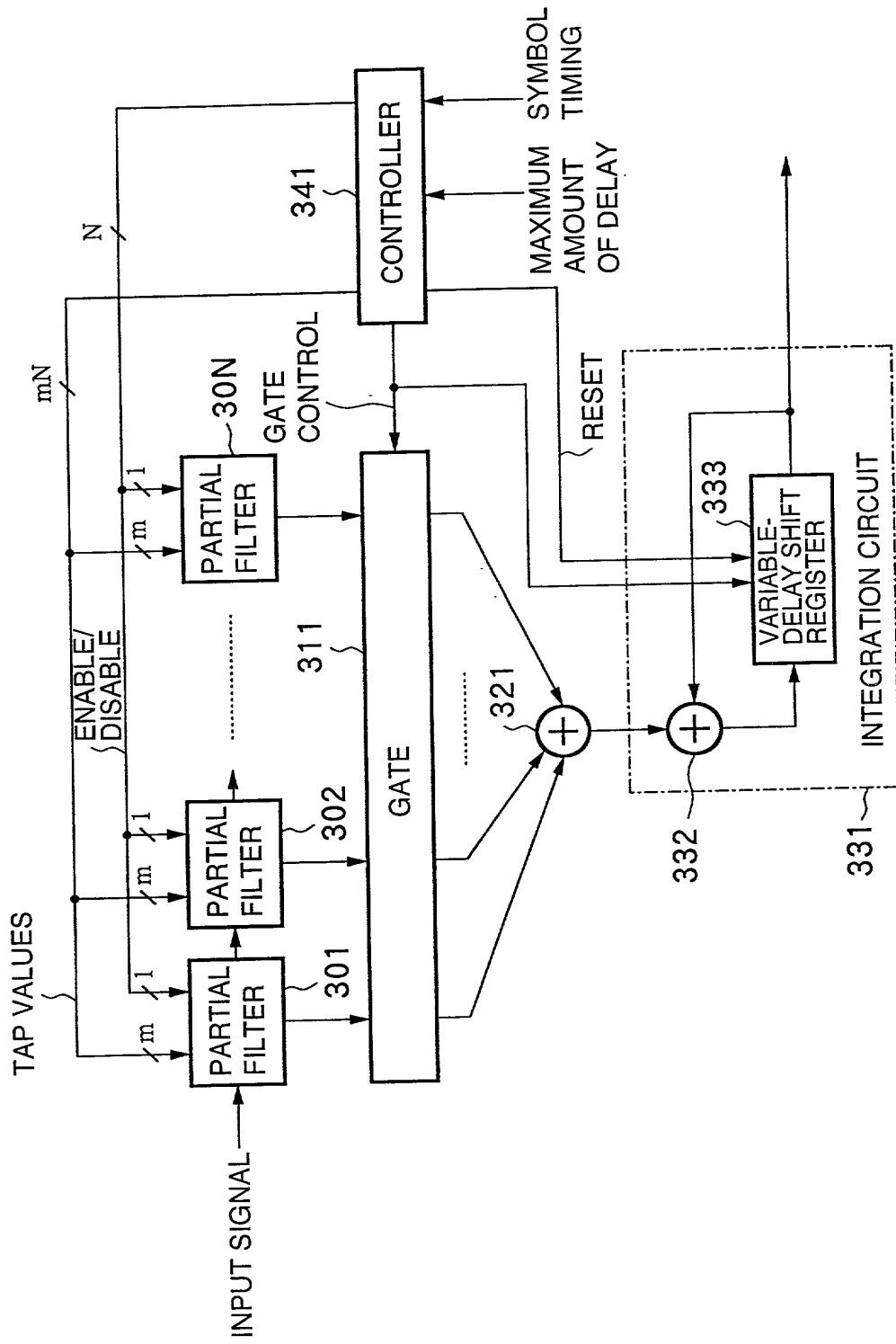
FIG. 4

FIG. 5

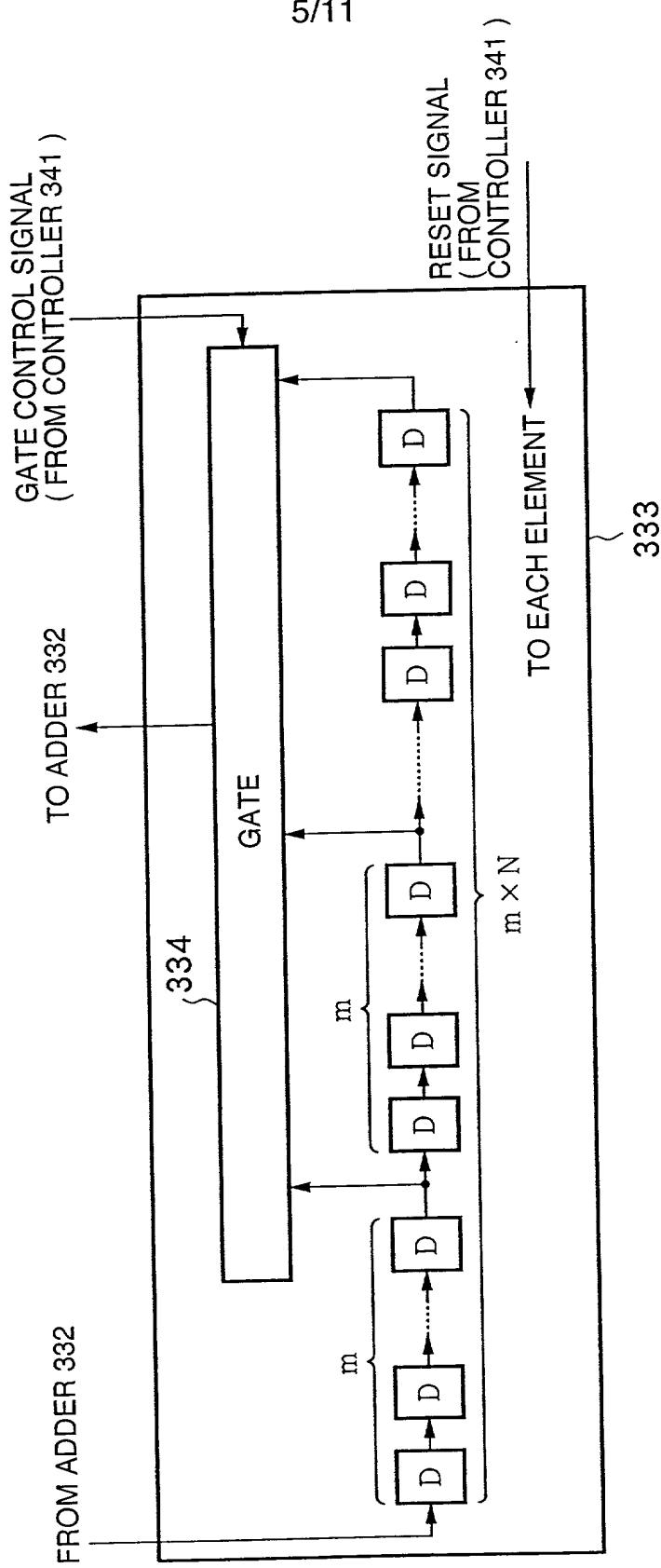


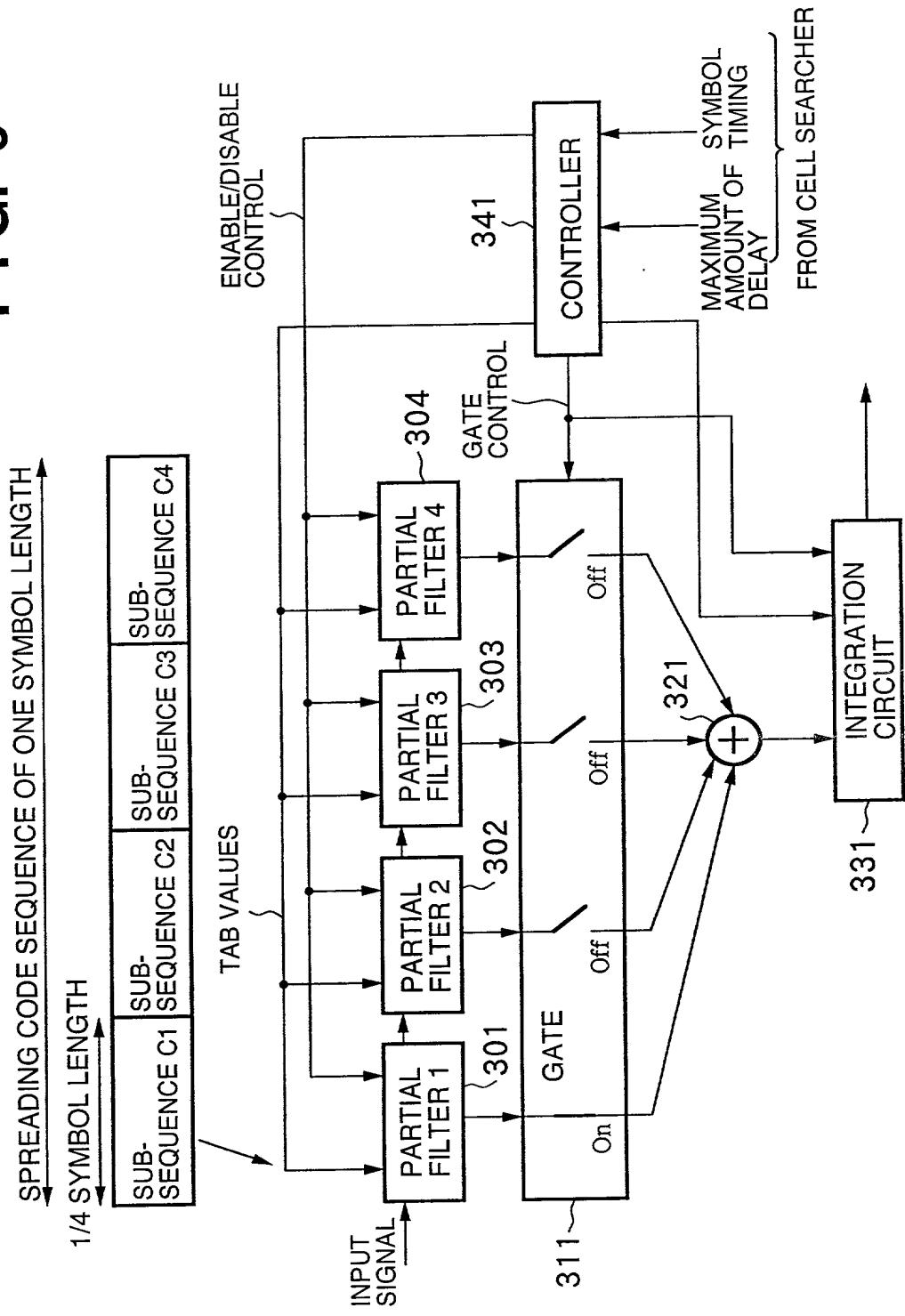
FIG. 6

FIG. 7

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$$\begin{aligned}
 \text{Ts1: } & (c_1d_1 + c_2d_2 + c_3d_3 + c_4d_4) + \underbrace{(c_5d_5 + c_6d_6 + c_7d_7 + c_8d_8)}_{B} + \underbrace{(c_9d_9 + c_{10}d_{10} + c_{11}d_{11} + c_{12}d_{12})}_{C} + \underbrace{(c_{13}d_{13} + c_{14}d_{14} + c_{15}d_{15} + c_{16}d_{16})}_{D} \\
 \text{Ts2: } & (c_1d_2 + c_2d_3 + c_3d_4 + c_4d_5) + \underbrace{(c_5d_6 + c_6d_7 + c_7d_8 + c_8d_9)}_{E} + \underbrace{(c_9d_{10} + c_{10}d_{11} + c_{11}d_{12} + c_{12}d_{13})}_{F} + \underbrace{(c_{13}d_{14} + c_{14}d_{15} + c_{15}d_{16} + c_{16}d_{17})}_{H} \\
 \text{Ts3: } & (c_1d_3 + c_2d_4 + c_3d_5 + c_4d_6) + \underbrace{(c_5d_7 + c_6d_8 + c_7d_9 + c_8d_{10})}_{J} + \underbrace{(c_9d_{11} + c_{10}d_{12} + c_{11}d_{13} + c_{12}d_{14})}_{K} + \underbrace{(c_{13}d_{15} + c_{14}d_{16} + c_{15}d_{17} + c_{16}d_{18})}_{L} \\
 \text{Ts4: } & (c_1d_4 + c_2d_5 + c_3d_6 + c_4d_7) + \underbrace{(c_5d_8 + c_6d_9 + c_7d_{10} + c_8d_{11})}_{M} + \underbrace{(c_9d_{12} + c_{10}d_{13} + c_{11}d_{14} + c_{12}d_{15})}_{N} + \underbrace{(c_{13}d_{16} + c_{14}d_{17} + c_{15}d_{18} + c_{16}d_{19})}_{P}
 \end{aligned}$$

$$\text{Ts16: } c_1d_{16} + c_2d_{17} + c_3d_{18} + c_4d_{19} + c_5d_{20} + c_6d_{21} + c_7d_{22} + c_8d_{23} + c_9d_{24} + c_{10}d_{25} + c_{11}d_{26} + c_{12}d_{27} + c_{13}d_{28} + c_{14}d_{29} + c_{15}d_{30} + c_{16}d_{31}$$

F I G. 8A

$$\begin{aligned}
 C1 &= (c_{1,1}, c_{1,2}, c_{1,3}, c_{1,4}) = (c_1, c_2, c_3, c_4) \\
 C2 &= (c_{2,1}, c_{2,2}, c_{2,3}, c_{2,4}) = (c_5, c_6, c_7, c_8) \\
 C3 &= (c_{3,1}, c_{3,2}, c_{3,3}, c_{3,4}) = (c_9, c_{10}, c_{11}, c_{12}) \\
 C4 &= (c_{4,1}, c_{4,2}, c_{4,3}, c_{4,4}) = (c_{13}, c_{14}, c_{15}, c_{16})
 \end{aligned}$$

F I G. 8B

$$\begin{aligned}
 Ts1: c_1d_1 + c_2d_2 + c_3d_3 + c_4d_4 &= A \\
 Ts2: c_1d_2 + c_2d_3 + c_3d_4 + c_4d_5 &= E \\
 Ts3: c_1d_3 + c_2d_4 + c_3d_5 + c_4d_6 &= I \\
 Ts4: c_1d_4 + c_2d_5 + c_3d_6 + c_4d_7 &= M \\
 Ts5: c_5d_5 + c_6d_6 + c_7d_7 + c_8d_8 &= B \\
 Ts6: c_5d_6 + c_6d_7 + c_7d_8 + c_8d_9 &= F \\
 Ts7: c_5d_7 + c_6d_8 + c_7d_9 + c_8d_{10} &= J \\
 Ts8: c_5d_8 + c_6d_9 + c_7d_{10} + c_8d_{11} &= N \\
 Ts9: c_9d_9 + c_{10}d_{10} + c_{11}d_{11} + c_{12}d_{12} &= C \\
 Ts10: c_9d_{10} + c_{10}d_{11} + c_{11}d_{12} + c_{12}d_{13} &= G \\
 Ts11: c_9d_{11} + c_{10}d_{12} + c_{11}d_{13} + c_{12}d_{14} &= K \\
 Ts12: c_9d_{12} + c_{10}d_{13} + c_{11}d_{14} + c_{12}d_{15} &= O \\
 Ts13: c_{13}d_{13} + c_{14}d_{14} + c_{15}d_{15} + c_{16}d_{16} &= D \\
 Ts14: c_{13}d_{14} + c_{14}d_{15} + c_{15}d_{16} + c_{16}d_{17} &= H \\
 Ts15: c_{13}d_{15} + c_{14}d_{16} + c_{15}d_{17} + c_{16}d_{18} &= L \\
 Ts16: c_{13}d_{16} + c_{14}d_{17} + c_{15}d_{18} + c_{16}d_{19} &= P
 \end{aligned}$$

FIG. 9

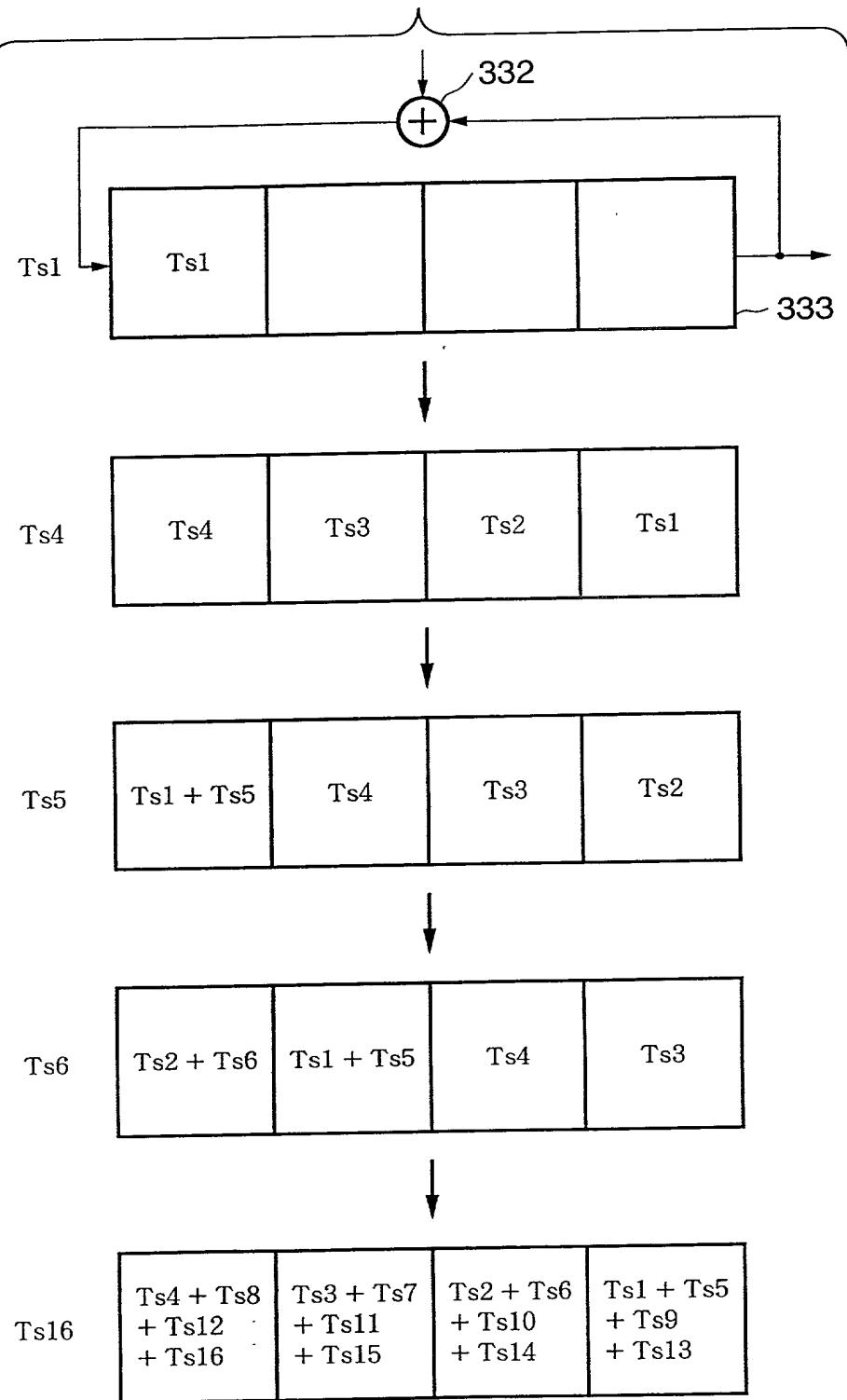


FIG. 10

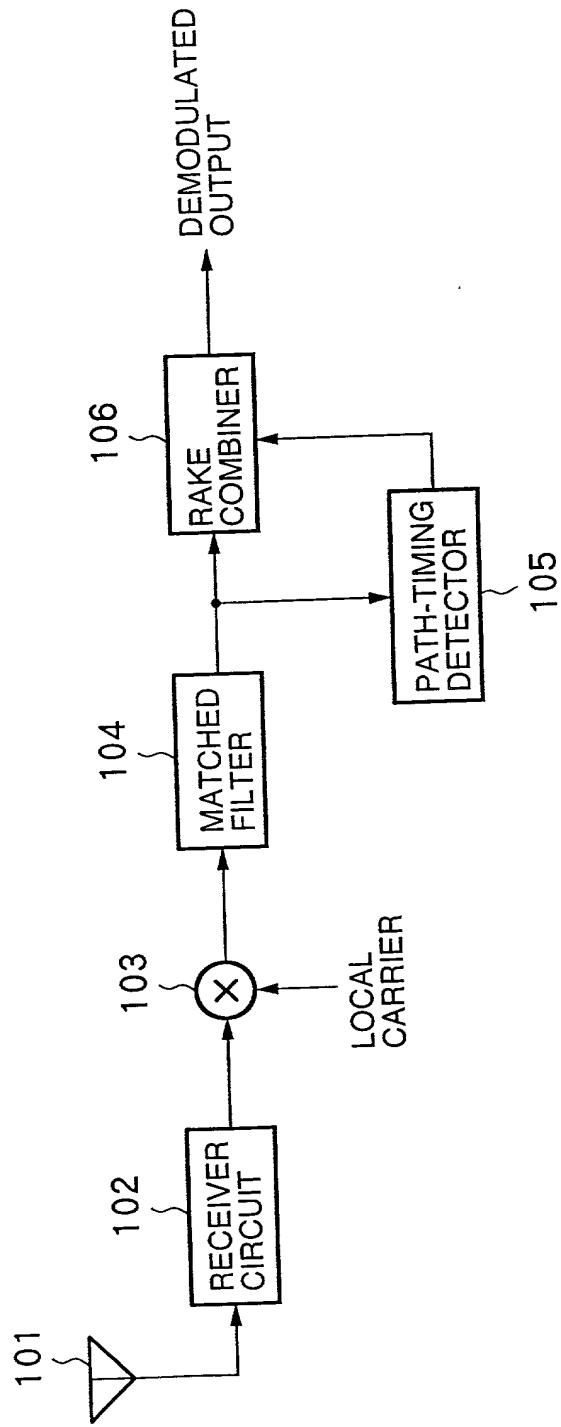


FIG. 11

